DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. R. PATTON, Director

DESCRIPTIVE REPORT
Topographic  
Hydrographic
Sheet No. D-6205

State       New York
LOCALITY
Hudson River
Cruger Island to Silver Point

Project HT-190
193 h

CHIEF OF PARTY
John A. Bond
TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. "D"

REGISTER NO. 6205

State. New York

General locality. Hudson River

Locality. Cugler Island to Silver Point

Scale. 1:10000. Date of survey. September, 1934

Vessel. MIKAW


Surveyed by. C. F. Chenworth, Aid

Inked by. C. F. Chenworth, Aid

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated. July 25, 1934

Remarks:

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DESCRIPTIVE REPORT

To Accompany Topographic Sheet D  
Hudson River

Instructions dated July 25, 1934  
Project No. HT-190

GENERAL DESCRIPTIONS

This sheet consists of two strips covering the Hudson River from Cruger Island to Silver Point.

On the east side of the river the tracks of the New York Central railroad extend along the shoreline for nearly the whole extent of the sheet. The general appearance of the country east of the tracks is wooded.

On the west shore of the river there are several towns. Glasco and Maiden are small settlements and Esopus Creek, which is the entrance to the village of Saugerties, enters in the area which is left blank on this sheet. This area was surveyed on Sheet "E" on a 1:5,000 scale. The rest of the area gives the appearance mostly of wooded country.

In compliance with the instructions, only the shoreline and the topographic detail immediately adjacent thereto were surveyed.

LANDMARKS

The landmarks falling within the limits of the sheet are being submitted on a separate report.

CONTROL

The control was adequate. Triangulation stations were numerous and several could be seen from nearly all points on the sheet.

SURVEY METHODS

Standard Coast Survey methods were used throughout. Little or no traverse was run as all triangulation stations were set up over first and signals on the opposite shore were located by cuts. The positions of these signals thus obtained were later used as points to set up over.

BUILDINGS

Buildings were not robbed in, nor accurately located, however, in some instances a dotted line in pencil is drawn around the areas occupied by buildings for the aid of the photo compilation.
GRASS SYMBOL IN WATER AREA

It will be noted that in several cases the grass symbol is given in water areas. This is not marsh but tall grass which grows up through the water and shows above high tide, and which probably dies out in the winter-time.

DATUM

The datum used is North American, carried forward through the unadjusted third order triangulation of C. A. Egner, 1933, and J. A. Bond, 1934. At station Terry, near Kingston, there is a discrepancy of about 4 meters between the third order work and the 1858 second order triangulation. At station Mt. Marino, near Hudson, the discrepancy between the third order and 1858 second order triangulation is about 8 meters. As a scheme of first order triangulation is contemplated over the area in the near future, which will permit adjustment of the third order triangulation as well as establishing the N.A. 1927 datum, projection lines have been left in pencil, (their extremities indicated by short inked lines) the final projection on the N.A. 1927 datum to be supplied by the office.

Submitted by:

C. T. Chenworth
Aid, U.S.C. & G.S.

Approved by:

John A. Bond
H. & G. Engineer
Chief of Party
To:  H. M. Strong
From:  C.F.M.

GEOGRAPHIC NAMES

Date:  Feb. 21, 1935  New York

Survey No.  T 6205
Chart No.  265
Diagram No.  265

Names approved Feb. 21, 1935.  *Helen Strong.  Marlow Bacon*

Approved by the Division of Geographic Names, Department of Interior.  *

Referred to the Division of Geographic Names, Department of Interior.  R

Under investigation.  Q

<table>
<thead>
<tr>
<th>Status</th>
<th>Name on Survey</th>
<th>Name on Chart</th>
<th>New Names in local use</th>
<th>Names assigned by Field</th>
<th>Location</th>
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<td></td>
<td>Cruger Id.</td>
<td>Cruger I</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>Glasco</td>
<td>Same</td>
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<td>*</td>
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<td>Tivoli</td>
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<td></td>
<td>Saw Kill Creek</td>
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<tr>
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<td></td>
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<td>Smith Ldg.</td>
<td>Cementon</td>
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<td>USGS decision</td>
<td></td>
</tr>
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<td></td>
<td>Silver Pt.</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
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<td></td>
<td>Hudson River</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rock I.</td>
<td></td>
<td>✓</td>
<td>USGS submerged on T 6205 at high water. Omit.</td>
<td>42°05' 73°56.1</td>
</tr>
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</table>

The Names on this Sheet were inked on the sheet by the Field.

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Sycamore Pt.  ✓

Esopus Creek  ✓

Saugerties  ✓

Malden  Same  

[Handwritten notes and signatures]
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

March 28, 1935

To: The Director
U. S. Coast and Geodetic Survey
Washington, D. C.

From: Commanding Officer
U. S. C. & G. S. Launch MIXAUE
Belhaven, N. C.

Subject: Topographic Sheets

As requested in your letters of March 23rd (80-LEF) and March 26th (80-SD) I am returning herewith 3 tracings on which I have supplied, in green ink, the information requested in your letters.

In reference to tracing A on which a short section of shoreline between stations "Ida" and "Nei" has been supplied, Ensign Chenworth who did the topography informs me that he is of the belief that a close inspection of the topographic sheet will reveal this section of shoreline in pencil, which he inadvertently failed to ink.

John A. Bond
Commanding
To: Lieutenant John A. Bond,
U. S. Coast and Geodetic Survey,
Launch MIKAWA,
Selhaven, North Carolina.

From: The Director,
U. S. Coast and Geodetic Survey.

Subject: Topographic Sheets.

Enclosed tracing A shows a small gap between your sheets T-6206 and T-6205, Hudson River. It is thought that you may recall the locality sufficiently to sketch in the missing shore-line between stations "Ida" and "Mel" on the tracing.

Tracing B shows signals "Sir" and "Orp" in red. These signals are outside the shore-line and are not described in the records. Please advise as to their character.

(Signed) 2.S. PATTON

Inclosures omitted; mailed 3-25-35

Director.
Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 6205 (1934)

Cruger Island to Silver Point, Hudson River, New York
Surveyed September 1934
Instructions dated July 25, 1934

Plane Table Survey - Aluminum Mounted

Chief of Party - J. A. Bond.
Surveyed by - C. F. Chenworth.


The records conform to the requirements of the Topographic Manual
with the following exceptions:

a. No description of Recoverable topographic stations, Form 524,
were submitted. It is assumed that the large number of triangulation
stations made the marking of topographic stations unnecessary, and
also that none of the topographic stations which were located, were
of a recoverable nature.

b. The projection lines were left in pencil by the field party,
pending adjustment of triangulation. (See D.R. page 2). These have
been inked in the office.

c. Signals "Sir" in lat. 42°06.65', long. 73°55.65' and "Orp" in
lat. 42°02.6', long. 73°56.4' are outside of the high water line
and no information is given as to their character. This matter has
been referred to the field party.

d. Although the Descriptive Report mentioned that Landmarks for Charts,
Form 567 is to be submitted in a separate report, the information
had not yet been received in the office at the time of the review.

2. Compliance with Instructions for the Project.

The survey complies with instructions for the project.

3. Junctions with Contemporary Surveys.

Satisfactory junction was made with T-6203(1934) and T-6207(1934).

There is a gap about 25 meters in the junction with T-6206(1934)
neat Ida, in lat. 42°04.5', long. 73°56.15'. This matter has been
referred to the field party.


a. T-726(1858).

This is on a scale of 1:5000, and overlaps the present survey where
Esopus Creek flows into the Hudson River. The area has been changed considerably due to silting and to dike construction at the mouth of the Creek.

5. **Field Drafting.**

The field inking of the survey was satisfactory.

6. **Additional Work Recommended.**

The survey is complete, and no additional work is necessary, except to clear up the gap in junctions as mentioned under paragraph 3.

7. **Superseding Prior Surveys.**

Insofar as the topography actually included on the present survey is concerned, it supersedes the foregoing prior surveys for charting purposes.

T-726 (1858) in part.


Examine and approved:

C. K. Green, Chief, Section of Field Records.

L. O. Wulff, Chief, Div. of Charts.

J. B. Borden, Chief, Section of Field Work.

G. Wodec, Chief, Div. of H & T.